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DEAN ADAMS TO GIVE A LECTURE

To Speak on the Water Powers of Canada.

AN INTERESTING SUBJECT

Lecture to be Illustrated With Several Maps and Lantern Slides.

At the first general meeting of the Science Undergraduates' Society, to be held in the Chemistry Building, this evening, at 8 o'clock, Dr. Adams will address the society on "The Water Powers of Canada." Dean Adams will talk briefly on the water powers of the different countries of the world, and then he will deal more fully with those of our own country. As every one knows, the Dean is an excellent speaker on almost any subject, and on a subject like this one, on which he is an authority, he is certain to deliver a most interesting and instructive address.

In Canada the amount of available water power is enormous, but up to the present time only a small portion of it has been developed. The greatest of all sources of power in the Dominion—if not in the world—is the Niagara River, which connects Lake Erie and Lake Ontario. About half of the fall is on the American side of the river, and the other half on the Canadian side. The Canadian fall is more broad and has a greater flow of water over it, but it is about ten feet less in height than the American fall, being about 155 feet high. This enormous volume of water falling through such a height generates great quantities of power, which are being transferred into electricity and used for lighting purposes for all the surrounding country within a radius of fifty miles.

Although capable of supplying considerably more power than the American Fall, the Canadian Fall is not so extensively developed and therefore does not supply nearly as much power as the American Fall. However, there is lots of room for extension, and the time may come when the whole power of the Falls will be utilized.

If you should take a trip up the St. Lawrence River, you would be astonished by the number of rapids that appear. These rapids are great sources of water power, and many power plants have been installed on them and are working to the limit of their capacity.

In British Columbia and in the Maritime Provinces the rivers form sources of power which have hardly been touched up to the present time, and in many other parts of the country also much undeveloped power is to be found.

After talking of the different sources of power, the Dean will take up the question of their future development and what it will mean to the country.

At the conclusion of Dr. Adams' lecture a short meeting will be held to discuss some important questions, such as the Science dinner, etc., and then refreshments will be served.

SCIENCE AND MEDS. DEBATE

Two Faculties Will be Represented at the Next Lit. Meeting.

The Literary and Debating Society is continuing its weekly meetings. So far great interest has been shown and the questions discussed have all been of lively interest. Next week the debates scheduled are to be conducted by Science '17 and '16, and by Med. '17 and '19. The Science men debate on the proposition "Resolved that Canada is over supplied with railways." '17 will uphold the negative and '16 the affirmative. As the subject is one on which Science men must have expert opinions, it is to be hoped that not only those picked to speak, but also every member of the classes mentioned will think on the subject so that the whole voice of each year will be heard. Thus, the work of the debaters will be lightened and the debate itself will afford a wider viewpoint than that of the four men immediately concerned.

The Meds are to debate on a question to be given to the executive by the President of the Students' Council, Mr. A. S. Lamb. The same remarks apply to the Meds as to the Science men. Lighten the work of the debaters by handing in suggestions to them.

Fred Davies, probably better known as "Runt," has enlisted as a lieutenant in the 2nd Battery in Ottawa. "Runt" was a member of McGill's wrestling team for a couple of years, and belonged to Science '14.

P. J. White, Science '18, is just now training at the Thomas Aviation School, in Ithaca, N.Y., for an active service attachment in the Royal Navy Flying Corps. He has the rank of probationary flight sub-lieutenant.

Mr. John Ferguson, professor of Chemistry at Glasgow University, resigned after an unbroken connection of sixty years with the University.

"Don" Brophy, Arts '17, has gone to Toronto to take a course in mucketry.

PATS BOUND FOR SERBIA?

Such is News Which Comes From Pte. J. Mills.

CHANGE QUITE POSSIBLE

At Last Accounts Regiment Was Many Miles Behind Firing Line.

That the Princess Patricia's Canada Light Infantry are bound for a new field of activity, with Serbia as the most likely possibility, is the information which comes to the University by way of a letter from Pte. Jack Mills, a Kingston boy who left Canada with the First Universities Company, reinforcements P.P.C.L.I.

Pte. Mills says that his unit will leave very soon for Serbia with a British Expeditionary Force. The truth of this assertion seems quite possible by reason of the fact that the Princess Patricias are known to have left the firing line and its neighborhood and at last word were far in the rear of the war zone.

The Princess Patricias, raised in Canada by a former McGill man, Major A. Hamilton Gault, were the first Canadians to cross from England to France. Practically the whole of the battalion, which has been attached to a British division, has been included in casualty lists and the unit is now for the greater part made up of the University Companies, two of which are in France, and the third training in England. The fourth company is in Montreal, up to strength. A McGill man with the original "Pats" is Lieut. Talbot M. Papineau, who has been mentioned for distinguished service.

Pte. Mills, who sends the information given above, was for a couple of years goal tender of the Frontenacs junior O. H. A. team. He mentions the fact that Pte. Nickle, also of Kingston, has secured a commission.

ARTS '16 PICTURE.

On Friday, Nov. 19th, at 1.30 p.m., in Rembrandt's Studio, St. Catherine St., a group picture of Arts '16 will be taken. All members of the class are requested to be present and ON TIME.

What's On

To-day.
3.00—Y.W.C.A. meeting, R.V.C.
4.00—Societe Francaise meeting, R.V.C.
5.00—Fencing practice, Union.
5.00—Union House Committee.
5.00—Chemical Colloquium, Chemistry Bldg.
8.00—Dr. Adams before Science Undergraduate Society.
8.15—Arts '19 debate, Strathcona Hall.

Nov. 18—Harrier Club practice, 1.30.
Nov. 18—Battalion parade, 7.45 p.m.
Nov. 18—Med. '20 dinner.
Nov. 18—Western Club smoker.
Nov. 19—Arts '16 picture.
Nov. 19—Mandolin Club practice, 7 p.m.
Nov. 20—Last day for pictures for "Annual."
Nov. 20—Battalion parade, 2.45 p.m.
Nov. 20—E. T. Club photo at 10.30 a.m.
Nov. 20—Maritime Club smoker, 8 p.m.
Nov. 23—Mock trial, Law '17 and Law '16, 8 p.m.
Nov. 24—Maccabean Circle At Home, 8.30.
Nov. 25—Annual banquet of American Club, 8 p.m.
Nov. 26—Nominations close for faculty representatives on Students' Council.
Dec. 6—Students' Council elections.

On account of Dean Brock leaving for the front, the British Columbia University classes in geology and mineralogy have been unable to commence work. This position has been filled, however, and Dr. S. J. Schofield has been appointed to the staff of professors to take up the work in these subjects. Dr. Schofield, who is a member of the Canadian Geological Survey, is well-known throughout the province. He has spent many years in research work among the Rocky mountains. In his opening lectures Dr. Schofield has proved such an interesting speaker that the students are looking forward with eagerness to the work of the term.

Cyril Graham, Sci. '15, is at present attached to the 23rd Battery in Kingston, as lieutenant, together with Lieut. Kingston, who graduated in Civil Engineering, '08.

LEFT PRISONER WITH WOUNDED

Dr. Katherine H. Travis, Arts '19, Taken by Bulgarians.

REFUSED TO ESCAPE

Heroic McGill Graduate Preferred to Remain With Her Wounded Charges.

Dr. Katherine H. Travis, of the class of Arts '95, who has been captured by the Bulgarians at Uskub, made one of the supreme sacrifices of the world war. Rather than desert the wounded Serbians entrusted to her care, she spurned an opportunity to escape, and with practically all the rest of Lady Ralph Paget's hospital staff, voluntarily fell into the hands of her country's enemies.

The story has become known at Monaster with the arrival of Nish of Edward Stuart, head of the American sanitary commission, who left the Serbian capital two days before its fall. "Sir Ralph was at Nish when he learned that Uskub was about to fall," said Stuart. "He obtained a big automobile, stocked it with some provisions, and made a wild dash over the rough roads to Uskub to save Lady Paget, who was in charge of a large hospital there, and her female assistants, Dr. Travis among the number."

"His car sped up to the hospital just three hours before the Bulgarians actually entered the town. The last of the Serbian soldiers were leaving and civilians were fleeing. "He found Lady Paget in one of the wards personally directing the care of the wounded, and urged her to go with him without a moment's delay. She refused. Sir Ralph, almost in tears, begged her to leave at once, but she gathered her staff together in the hospital office and told her husband:

"We owe too much to the men here under our own care to leave them now when they most need us."

"Sir Ralph kissed her good-bye and sped back to Nish." Two hundred Austrian prisoners who were abandoned by the Serbs when they retreated from Uskub are doing service as attendants and nurses at the Uskub hospital under Lady Paget's direction, Stuart said. Among the doctors who elected to remain with Lady Paget, besides Dr. Travis, are the following American doctors: S. H. Osborne, C. E. Fox, F. E. Corbellius, B. A. Orr and Harry Plotz, and five Columbia University men, Elmer Childs, Douglas Dold, Elliot Dold, Arnold Bell and a man named Little. Dr. Travis secured the degree of M.D. at Johns Hopkins University.

ANNUAL SMOKER OF THE MARITIME CLUB

Informal Smoker to be Held at the Edinburgh Cafe at 8 p.m. Saturday

The Maritime Club will hold an informal "smoker" at the Edinburgh Cafe, St. Catherine St., on Saturday evening, at 8 o'clock. The prime object of this meeting is the object of the Club in general; namely, to promote good fellowship among Maritime men. It affords an excellent opportunity to meet members of the Faculty outside the lecture theatre and also for the undergraduates to associate in a companionable manner away from their studies. There will be several musical numbers on the programme after which light refreshments will be served. Among those who will be present to say a few words are: Prof. W. W. Chipman, Dr. W. F. Hamilton, Dr. Sullivan and Mr. Nicholson (registrars). This is an "open" meeting and each and every Maritime man in the University is cordially invited to be present.

GETTING COLLEGE EDUCATION.

When James A. Garfield was President of Oberlin College, a man brought for entrance as a student his son, for whom he wished a shorter course than the regular one. "The boy can never take all that in," said the father. "He wants to get through quicker. Can you arrange it for him?" "Oh, yes," said Mr. Garfield. "He can take a short course; it all depends on what you want to make of him. When God wants to make an oak, He takes a hundred years, but He only takes two months to make a squash."

William K. Rutherford, President of Science '18, and N.C.O. in the C. O. T. C. last year, who enlisted for active service in the 35th Battery, as gunner, is at present suffering from water on the knee. This has come as a result of his being kicked by one of the Battery's horses, when he was at Valcartier, some two weeks ago.

Nolan T. Patterson, who graduated with Commerce '14, is now a lieutenant in the 31st Battery. This unit will be in Montreal until this coming Friday, when they will depart for either Bermuda or England.

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The Official Organ of the Undergraduate Body of McGill University.

Published every day except Sunday by
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J. C. Farthing, J. R. Dean, E. A. Livingstone, G. M. Cameron

The Answer

The McGill Daily has been for the last few days the target for remarks from several members of the C. O. T. C., who feel that not sufficient support has been given that organization in the editorial columns of this newspaper and perhaps not a little unnecessary irritation has been created through this. Everybody knows that opinion at McGill is this session divided regarding the C. O. T. C., and whether or not the training which it offers should be adopted by the student body at large. That this difference of opinion exists was clearly shown at the annual meeting of the Students' Society, and there is still a considerable number of men who feel that they are not in sympathy with the C. O. T. C., even as it is at present constituted. Several arguments in behalf of this have been advanced and have received considerable support. On the other hand, there is also a considerable number who will admit of no other line of action except that students join the C. O. T. C.

The Daily in framing its policy has taken both sides of the question into consideration. As expressing an impartial view of undergraduate opinion, it has maintained always, and in perfect sympathy with the attitude of the Students' Council, that the matter of enlistment in the C. O. T. C. should be left entirely in the hands of the individual student, and also that it is in favor of military training in the University.

Towards the C. O. T. C. as an institution there is and can be no opposition. In common with the great mass of the student body, the McGill Daily believes that its object is most worthy and laudable, and that it is an institution which is well qualified to fulfil the function for which it was established—the training of University men to hold commissions in the active militia. This is also the case in the other courses which qualify men in the rudiments of military training. Over 125 officers, and 450 men from the C. O. T. C. have enlisted for active service. This should be noted, that in any branch of the service their previous training, it is said, has always been the strongest factor in their advancement. The Auxiliary Battalion turned out 900 men well versed in the elements of infantry training. Of these, 200 certainly, have volunteered, and in their case, too, the C. O. T. C. training, we believe, has aided their promotion.

The C. O. T. C. deserves the support of all students who feel that by so doing they will receive the training which will best fit them for service to their country.

It offers splendid courses to all who take them, and it is certain that those who join now will gain as much benefit as useful knowledge from the training.

WRESTLERS LOOK FOR SUCCESSFUL COLLEGE SEASON.

New York—Members of the Inter-collegiate Wrestling Association are today looking forward to a very successful season of competition this winter following the holding of the annual meeting at Earl Hall, Columbia University, Saturday. At this meeting Princeton was selected for the final contest and the dates will be March 17 and 18.

Three amendments were made to the by-laws. The first is that the hammer lock can neither be forced outward nor upward. The second is that a non-oily substance must be used by the trainers in rubbing down the grapplers. The third amendment was to employ three referees at the annual event instead of two. The delegates present were: President, Arthur Littlejohn, of the University of Pennsylvania; vice-president, V. L. Jones, of Columbia; secretary-treasurer, Stanley Phraner, of Princeton; George Kehrer of Lehigh and Bertram Wilcox of Cornell. They were elected to office last year at Lehigh. All are managers of their respective teams except Wilcox, who is assistant manager.

BLANKETS COMMANDEERED.

Berlin, Germany.—The authorities have issued an order commandeering all woolen blankets and horse cloths of every kind. Factories and warehouses may retain not more than 100 blankets of one quality, and not more than 300 in all, while all freshly manufactured goods are in future to be regarded as commandeered the moment they leave the loom. Blankets and horse cloths that have already been used and are in possession of private owners are not affected by the order.

Clifford T. Oughtred, Arts '15, has enlisted for overseas service with the 117th Battalion, whose formation has just been authorized.

Correspondence

The Daily is not responsible for the sentiments of letters published in the correspondence column. Signed communications from graduates, undergraduates and members of the faculty will be placed in print if they are not too great length.

Correspondents are requested to observe the unwritten law of the newspaper office—that they write upon ONE side of the paper ONLY.

No communications will be admitted to this column without the name of the writer being attached FOR PUBLICATION.

The C. O. T. C.

To the Editor of The Daily:

Dear Sir,—Once again your columns are filled with references to the C. O. T. C. I trust that you will find space for this short letter.

In the first place, I wish to thoroughly endorse the statements made by Mr. Gordon Heslam. What he said was true, and The Daily knows it was. We look for a decided change in the policy of the paper, which is a publication representing a British university.

The truth of the matter, Mr. Editor, seems to be that a large part of the agitation was started by certain persons who came to a British university in time of war from the country to the south of us, and who seem to think that since they stand between "the devil and the deep sea," because of their allegiance to their country, that Canadians are going to turn aside from the serious business of military training to consider them. This is too preposterous to be further considered. Our only regret is that some of our Canadian boys have allowed themselves to be influenced by this pernicious interference which is what is primarily a British affair.

However, the most important point I wish to deal with are two in number. Certain statements have been going the rounds of the university emanating from a person or persons actually in the C. O. T. C. The first is that The Daily should not attempt to influence those students who are not interested in military affairs. Could anything be more preposterous? McGill University has stood for the vigorous prosecution of this war on the part of Canadians, and has encouraged its sons to fight for our glorious cause, and here now some irresponsible persons advise The Daily to take a "jellyfish" attitude toward military affairs. In other words, The Daily is forbidden to influence those small-minded persons who do not see the necessity of becoming fit to defend their country, which is one of the first duties of every citizen.

The second point I wish to deal with also came from the same source. It was a statement to the effect that the C. O. T. C. is not a student activity. This is too absurd to require refutation, but in order to silence a remark like this, let every one glance at the reason for the existence of the Officers' Training Corps. It was primarily organized for the purpose of giving McGill students an opportunity for qualifying as officers in the territorial forces of the Empire. That was why it was organized, and that is why it exists to-day. It becomes in time of war the most important of student activities.

Yours truly,

A. B. ROSEVEAR,
Arts '16.

Arguing With Professors.

To the Editor of The Daily:

Dear Sir,—Doesn't it seem, to say the least, a little strange that, isolated as the cases may be, certain of our fellow-students, apparently possessed of good sense and breeding, should not hesitate to precipitate themselves headlong into a heated argument with one of the college professors?

Truly what is more edifying than the swift progress of a spicy argument? Certainly there is nothing so calculated to justify our own properly exalted opinion of our depth, breadth and volume of intellect. For, should the opponent be convinced by our reasoning of his error what more could we desire to support our own infallibility of judgment. If on the other hand the same opponent should produce arguments rather too much to the point to be ignored and too unanswerable to be pleasant, what an invaluable opportunity is ours of exhibiting to him our self-possession and our knowledge of what is fitting in our determination not to throw away our discourse upon one too narrow-minded to comprehend our point of view.

This is very well, but surely some of our fellow-students have entirely forgotten or have always been in ignorance of the fact that since the beginning of time etiquette and good judgment have forbidden us to argue with those under whose tuition we are gathering our rudiments of knowledge. In arguing with another, are we not endeavoring to overthrow certain of his convictions? If so, let our professors aid us in expounding his view on a subject in which we are interested or in solving for us a puzzling problem—if he will. If, however, he will not, or if his views come into conflict with ours, let us drop the matter as far as discussion with him is concerned, for where is the satisfaction of exposing ourselves to the superior shafts of one in the property of ridicule our ideas or the propriety of our immature arguments against one, our very acquaintance with whom is probably the result of our acknowledgment of his superior knowledge?

But if owing to some chance or mismanagement we should feel convinced of the inferiority of intellect of college professors to our phenomenal genius, then why waste our valuable time in a futile discussion? Where can we find an equally hopeless task to that of convincing ignorance?

Sincerely yours,

M. REEVE,
Undergraduate.

R. V. C., Nov. 15, 1915.

Approves of The Daily's Attitude.

To the Editor of The Daily:

Dear Sir,—In recent issues of The Daily, I note some absolutely unjustifiable criticisms on the attitude of the

MEDICALS TO HOLD BANQUET

Event Takes Place Thursday Evening, at 8 O'clock.

REMINISCENCES OF PAST

The Banquet as a Recent Inauguration Replaces the Old Methods of Initiation.

Until recent years it has been customary, as in other faculties, for the medical sophs to beat up the less experienced freshmen and subject them to the various disagreeable embarrassments, which only medical undergraduates were able to concoct.

In "the good old times," according to those who are now members of the professional staff, "stunts were pulled off" on the freshmen which to-day are only dreamed of. The dissecting room was renowned, not because of the "odoriferous" atmospheric conditions, which varied perceptibly from day to day until the remnants of pyrogenic activity ceased due to the lack of metabolic fuel, but because of the dangerous aim of some ambitious sophs who were accustomed to treat the unwary freshmen with parts of the "delicate" framework of some human soul.

Such events have been supplemented by an occasion more fitting to the social aspects of a future physician destined for the task of asserting his influence and personality over the bodies and minds of his fellow-creatures.

Personality in particular has been recently emphasized and explained by a noted medical man as fact and sympathetic attitude, real or assumed. Assumed sympathy between first and second year men is now obsolete. This is due largely to the new system adopted by the classes of '13 and '14 who recognized the futility of arousing a hard feeling between the various years, which usually culminated in a game of dodging in the dissecting room, consequently also in the loss of much valuable time.

With this end in view, the succeeding classes have made it conventional to hold a banquet annually where the demonstration of a convivial spirit has materially benefited the medical undergraduate body as a whole.

The banquet this year will take place at the Edinburgh Cafe Thursday evening.

As all arrangements have been satisfactorily made, it is certain to prove one of the big social successes of the year.

PARTIAL STUDENTS.

Important Meeting on Friday in the Common Room.

There will be a meeting of the Partial Students' Society held in the common room on Friday, the 20th, at 2 p.m. The business to be discussed includes the following:

1. The formation of a basketball team.
2. The raising of funds for the Red Cross (more bandage rollers are required in the common room).
3. Whether or not a play shall be given by the society this year.

All members are requested to notify those of their friends who are not likely to see this notice, as a large attendance is urgently requested.

SOCIETE FRANCAISE

Open Meeting This Afternoon at Four O'clock.

At 4 o'clock this afternoon the Societe Francaise will have an open meeting, to which the Cercle Francaise has been invited. A very attractive programme has been arranged, and it is expected that there will be a large attendance. Tea will be served.

McGill Daily to the work of the C. O. T. C. this session.

For the edification of those gentlemen who seek to criticize, let me be permitted to state that criticism is a good thing, perhaps, providing it be not malicious and misleading, and for the good of the student. The standard of excellence maintained by The Daily this session is unquestionably the best since the inauguration of the paper. The editor-in-chief and his few associates, who work incessantly for the presentation of The Daily, deserve considerable credit for their indefatigable efforts in the interests of the student body. The attitude of The Daily on various student activities has been most commendable and impartial. Last session The Daily advocated and almost coerced the students into joining the C. O. T. C. Let us examine the results. A great number of students, who had not really the interests of the battalion at heart, joined the C. O. T. C. on the popular enthusiasm prevalent at the time. Towards the middle and especially towards the close of the session the interest in the work of the C. O. T. C. depreciated considerably, owing to a great number of students dropping out for various reasons. This session The Daily has been giving the military activities due prominence at all times, and not mere tolerance. Furthermore, I am pleased to state that it has not adopted a policy of coercion to "browbeat" the freshman into joining the C. O. T. C. before he has appreciated the opportunities afforded by the battalion.

The battalion, according to the sentiments expressed by Capt. Simpson at the Students' Council meeting last month, did not appeal to the man who does not consider it to be his duty to prepare for eventualities, nor to the man whose career will suffer, but to the man who believes that every one should train himself for whatever may come, and who believes that every one should devote the time otherwise spent in recreation to drill.

S. RUSSELL MCCREARY,
Arts '16, Med. '19.

LARGE ATTENDANCE AT AFTERNOON DRILL

Mutual Inspection Given to Both "B" and "D" Companies Yesterday.

The drill for students held yesterday afternoon from 4.15 to 6.15, was very well attended, and the men who turned out certainly showed that they were in for the training in both heart and soul. In the four companies or the battalion a total of over 150 were present.

The men of B and D companies were given mutual instruction in the way of platoon drill. By this method men are taught by personal experience to see how mistakes may be made and also how to rectify them. This training shows a man where he stands in relation to knowledge of military drill. By the snappy manner in which the movements were carried out and the seriousness with which the men regard the work certainly shows that a very praiseworthy interest is being strongly evinced by those students who are making the best of the opportunities offered by the C. O. T. C.

BASKETBALL GAMES HELD AT THE WESLEYAN

The Second Game of the Series Proved to be Exceptionally Fast.

The second basketball game of the series to be played by the inmates of the Wesleyan College took place last evening amidst the thunderous enthusiasm usually attendant on such occasions.

Contrary to the usual course in nature, the Tigers were beaten by the Gophers. The score, however, was very close, 25 to 22.

The classy playing, however, is of senior calibre, and the team which wins out in the series will have necessarily earned the distinction.

There are six teams entered, and the winning team will be given a special consideration in being treated to a banquet by Principal Smyth.

On Wednesday evening the Nomads meet the Submarines. This is suggestive of the German campaign, and, providing it be a similar episode, let the Nomads beware the issue!

BASKETBALL CLUB.

A general meeting of the Basketball Club will be held in the Union on Nov. 22, at 5 o'clock.

RED CROSS EXECUTIVE.

Committee Will Meet on Thursday in the Common Room.

There will be a meeting of the Red Cross executive on Thursday, 19th, at 1 o'clock, in the common room. All members of the committee are urgently requested to be present.

Y. W. C. A. MEETING.

Address Upon Japanese Customs to be Given by Miss Edgar.

At the regular meeting of the Y. W. C. A., to be held to-day in the R. V. C. Miss Edgar, of the Fairmount Y. W. C. A., will speak upon Japanese life and customs. She has a collection of lantern slides which are very fascinating, highly colored in the inimitable style of Japan.

As the Y. W. C. A. of the R. V. C. gives at least a third of its funds to Japanese work, this lecture will be especially interesting. This is the first time these slides have been shown in this city.

THE SUBMARINE A F. 2.

Melbourne, Australia, Oct. 21.—A letter has been received by Rear-Admiral Sir William Creswell from Lieut.-Com. J. H. Stoker, the officer in command of submarine AE 2, which sank in the sea of Marmora. The letter states that the whole of the crew are fit and well and that they have been moved to the centre of Asia Minor, to a place about 4,000 feet above the sea level. They are allowed daily exercise and their treatment gives no grounds for complaint. The American embassy in Constantinople is sending them books, newspapers, or letters which contain any kind of war news being banned. Commander Stoker states that when he can send a report of the manner in which the crew carried out their duties, it will speak volumes for the future of the Royal Australian navy. Every man on board, down to the youngest Australian sailor, did his work with a coolness which was beyond praise. The officers and men are extremely proud of the fact that an Australian warship was the first British vessel to pass through the Dardanelles.

FABRE PROPERTY IN FRANCE.

Paris, France.—The little house in which J. H. Fabre, the famous entomologist, spent the greater part of his life, together with his garden, are to be purchased by the admirers of his work and presented to the state. The famous collections which the house contains will be preserved as a museum, with his daughter in charge.

A NEW BREAKFAST FOOD.

German scientists have been renewing experiments initiated nearly one hundred years ago and announce that they are able to turn ordinary wood into a nourishing substitute for flour. Birch is wood most advantageous for this purpose.

Dr. John Donald Stewart, Med. '11, has been accepted for a commission in the Royal Army Medical Corps, and sails for England very shortly. He has resided in Calgary, Alta., for the last four years, and enjoyed there a wide practice.

Things Theatrical

AT THE LONDON.

As was announced in Last Saturday's papers, Marie Corelli's famous book and play "Vendetta" is being shown for the last time to-day at the London.

In the run of things the production shows Fabio returning to consciousness when his coffin falls from its niche in the wall of the tomb, also the supposedly dead body of Romani being carried by the hooded doctors to the family vault, and also his return from the grave only to find his wife in the arms of his faithless friend, and many other scenes of interest which will be remembered at once.

For Thursday and Friday's programme "The Blood Seedling," a three part special release, written by the late John Hay, former Secretary of State—was an unusual man and wrote an unusual story. Thos Santschi, in the leading role it should be remembered was late star of "The Spillers," by Rex Beach.

As has been mentioned in other comments on London programmes, the great Chas. Chaplin will be found on every programme at this theatre, and his next attempt will be a two part feature entitled "The Idle Rick."

A COWBOY'S LAMENT.

I long for the old days, boys,
Those days of the open range,
Ere life had lost its joys,
Ere booming made the change.

When the prairies all were open,
From Beaver-dam to The Hat,
When range colts ran unbroken,
When range steers all waxed fat.

When Joe sold booze at Cochrane,
And Sparrow bought the beef,
When everywhere the stock ran,
To everyone's relief.

Before the boom, ere riches
Had ruined the country side,
When bronchos bucked crook'd pitches,
When the boys could rope and ride.

Before Long Bill got married
And settled on his section,
In the days when Charlie tarried
By that girl with the complexion.

When we lounged in saddle smoking,
Or roped in dusty corral,
When our days were filled with joking,
When Bernie rode the sorrel.

When the Rockies' snowy crest
Gleamed silver in the sun,
When our life was filled with zest,
Then the hardest day was fun.

In dreams I'm on the range,
But waking my heart is wrung,
At the thought of the horrible change
Over the old West flung.

In dreams I see the herds,
I see the dust they raise
With flocks of buffalo birds,
Dear memories of those days.

And my eyes with tears grow wet,
For my life's a song that's sung
To a measure that was set,
In the days when I was young.

"THE UNDOUBTABLE FACT."

The undeniable fact is that Belgium in 1914 was tortured by Germany for doing what in 1907 the Government of the United States urged her to do, and the Government of the United States has lacked either the courage or the moral sense of responsibility to make a protest. This failure of our Government is one of the shameful events of the war. It has done as much as any other one thing to convince the German Government and people that we are afraid to make a protest even in defense of our own rights.—The Outlook of New York.

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MONTREAL, QUE.

LIEUT. BONE WAS DROWNED

Supposed That His Machine Be-
came Unmanageable.

WAS AN INTREPID AVIATOR

Distinguished Himself by His
Pluck and Daring During His
Course of Instruction.

Naval casualties announced yester-
day contain the name of Flight Sub-
Lieutenant John T. Bone, Sci. '14, who
is reported drowned under date of
October 18. News of Flight Sub-Lieu-
tenant Bone's death was received here
late last week, but the circumstances
in connection with the sad event have
not yet been made public. It is now
known that Lieut. Bone's body was
picked up on the seashore and it is
presumed that he met his death by his
machine becoming unmanageable and
by falling into the sea.

The Calgary Herald, with regard to
Lieut. Bone's death says:

The worst fears concerning that
young intrepid Canadian aviator, John
Turner Bone, have been set at rest by
the receipt of a cable this morning
containing the sad news that he has
been killed while in the performance
of his duty.

This distressing information has
been received from a brother-in-law
of P. Turner Bone in Scotland, who
had made inquiries from the admiralty
after it had been reported that the
gallant aviator was missing. According
to the meagre particulars that have
so far been received, it would ap-
pear that he was killed while serving
with the Royal Naval Air Service on
Oct. 18. It was while flying at the
western front that he made the su-
preme sacrifice. The young sub-lieu-
tenant was buried in a cemetery at
Zuydcoote.

Graduated With Honors.

Sub-Lieutenant John Turner Bone,
who has thus sacrificed his life for the
Empire, after completing his matricu-
lation work at the Western Canada
College, four years ago, proceeded to
McGill University, where he took his
B.Sc. degree and graduated with
honors twelve months ago last June.
He was one of the most brilliant
scholars the Western Canada College
ever had and a boy of particularly fine
character. He was one of the prefects
of the college when he left for McGill
and was held in the highest esteem by
all the masters and scholars.

After leaving the university he en-
tered the employ of the C.P.R., and
was in the engineering branch of the
department of natural resources.

Filled With Enthusiasm.

At the outbreak of the war he was
filled with enthusiasm to serve his
country, and left for the old country
direct to undergo an aviation course.
He left here shortly after Christmas
and after completing his initial work
was appointed a sub-lieutenant in the
British naval air service. For some
considerable time he was doing duty
around the U.K. coast, and afterwards
went to France, where his pluck and
daring soon won for him distinction.
It was while in the performance of his
duty there that he met his death as
mentioned above.

The sympathy of all Canadians will
go out to Mr. and Mrs. P. Turner Bone
in their sad bereavement, but they will
have the great comfort of knowing
that their gallant son has laid down
his promising young life in the cause
of freedom and right and that he has
died a hero.

MAHAN NOW BELIEVES IN FORTUNE-TELLERS

"Eddie" Mahan, captain of the Har-
vard football team, is now a firm be-
liever in the powers of crystal globe
gazers and seers of all descriptions.
It became known after the game at
Princeton that a fortune-teller had con-
sidered the game. Mahan had com-
mitted a blunder in the game, and
night before the Princeton game he
at the Vanderbilt Hotel in New York.
What she told him remained his
secret until after the game, when he
recited to several friends what he had
learned the night before.

Mahan was sitting in the foyer of
the hotel on Friday night, when a
neatly dressed woman approached him
and asked if he were Mr. Mahan.
After answering affirmatively, he was
informed that she could tell him the
outcome of the game with Princeton.
"Eddie" accepted her invitation to go
to a secluded spot in the writing room.
"The final score will be 10 to 6 in
favor of"—she hesitated for a moment
—"Harvard," she continued.

"Eddie" jumped for joy.
"You will get your ten points in the
first quarter, and Princeton will score
two field goals later in the game. It
is just barely possible," she prophesied,
"that you will make it 14 points
instead of 10, but I think not. Your
team will come within a foot of making
a second touch-down, but the
Princeton team will hold you. After
that will come your second and last
score."

"Eddie" thanked the woman, paid
her a fee and smiled. After the first
quarter he felt weird when he recalled
the woman's words, and when the
game was over—well, he'll believe
anything any one tells him from now
on.

REGULATIONS RE MUSKETRY

Must Obtain 75 Out of Possible
105 Marks.

EFFICIENCY IN MUSKETRY

Four Tests Each Seven Shots, in
Grouping, Application, Kneel-
ing and Prone Rapid.

BATTALION ORDERS No. 24,
by
LIEUT.-COLONEL ROBERT STARKE,
O.C. McGill Cont., C.O.T.C.

Montreal, Nov. 16, 1915.

1. Details.

To be Acting Orderly Sergeant
for week ending Nov. 20, 1915: Corp.
A. B. Rogers.

2. Appointments and Promotions.

The following appointments are ap-
proved and confirmed:

"A" COMPANY.

To be Acting Sergeant—513, Corp.
G. B. McLeod.

To be Acting Corporals—84, Pte. W.
H. Allan; 20, Pte. T. T. Brown; 192,
Pte. J. S. Fry; 74, Pte. J. T. Howell;
469, Pte. S. A. Hutchinson; 69, Pte. C.
Matcham; 168, Pte. J. B. Watt.

3. Musketry.

Each member of the Battalion, in
order to qualify as being efficient in
musketry, must attend the prescribed
lectures, pass through the Aiming In-
struction Class, and must also qualify
on the Miniature Ranges in shoot-
ing.

The shooting will consist of seven
shots in each of the four (4) tests,
namely: Grouping, Application,
Kneeling and Prone Rapid. At least
a three-inch group must be made
in the first practice, and a total of
not less than 75 points must be
scored in the last three practices (out
of a possible 105) to rank as a second-
class shot.

No man will be allowed to shoot on
the miniature ranges who has not
attended and passed satisfactorily
through the Aiming and Instructional
Classes.

By order,

J. C. SIMPSON,

Adjutant McGill Cont., C.O.T.C.

BATTALION ORDERS No. 24,
by
LIEUT.-COLONEL ROBERT STARKE,
O.C. McGill Cont., C.O.T.C.

PART II.

Station, Montreal:

Date, Nov. 16, 1915.

4. Transfers.

The following men have been trans-
ferred as shown:

278, Gordon, D. C., from C to B Co.
388, Crutchfield, H., from Sigs to D Co.

98, Roberts, J. L., from D to A Co.

5. Taken on Strength.

The following men have been taken on
the strength of the Battalion from the
dates opposite their respective names,
and assigned to Companies as shown:

"B" COMPANY.

Men With Training.

506, Keough, J. J., 10-11-15

Recruits.

582, Douglass, F. E., 10-11-15

508, Gibson, W. R., 10-11-15

"C" COMPANY.

Recruits.

579, Irvine, G. J. K., 9-11-15

585, Macpherson, H., 9-11-15

588, Hooper, B. R., 10-11-15

589, Shapter, C., 10-11-15

599, Creyck, J. D., 11-11-15

600, Cross, A. M., 12-11-15

"D" COMPANY.

Men With Training.

578, Clarke, A., 9-11-15

580, Savage, H. M., 9-11-15

581, Graham, J. W., 9-11-15

507, Suter, H. E., 11-11-15

Recruits.

577, Armstrong, R. W., 9-11-15

593, Tait, M., 10-11-15

584, St. Jacques, L., 10-11-15

585, Mercer, E., 10-11-15

591, Harding, J. W., 10-11-15

595, Williams, A., 11-11-15

601, Bortigh, R. M., 12-11-15

Signallers.

587, McCully, R. C., 10-11-15

Band.

590, Weaver, J. H., 10-11-15

592, Laight, W. F. G., 10-11-15

593, Ramsay, W. S., 10-11-15

594, Fuller, R., 10-11-15

6. Struck Off Strength.

The following men have been struck
off the strength of the Battalion from
date for cause shown:

558, Doran, J. D Co., resigned.

320, Kaufmann, M., D Co., resigned.

58, McNoe, T., A Co., resigned.

By order,

J. C. SIMPSON,

Adjutant McGill Cont., C.O.T.C.

Pte. Willard McLellan, a McGill B.C.

student, who went overseas with the

Universities Company as reinforcement

to the Princess Patricia's, is now

in No. 11 London General Hospi-

tal. Pte. McLellan was struck in the

left eye by a portion of a shell,

necessitating the removal of the eye.

He will probably be in the hospital a

month longer before being sent home

to Vancouver.

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EASY VICTORY FOR QUEEN'S

Heavy Line Breaks Through R.
M. C. Defence.

CASSELLS AND BROCK STAR

Hazlett Shows Little Superiority
in Punting Duels With
Opposing Backs.

Kingston, Nov. 15.—Dr. Dope, the
most bewhiskered of the learned in-
dividuals, in the days when his sea-
weed first commenced to sprout on his
manly physiognomy, proclaimed that a
good big man was always better than
a good little man and the latter's
hopes of conquering were faint. In
our opinion the doctor was correct and
anyone who has visited the City Rugby
League games this year must turn in
an encore for the Doc., for never be-
fore was the saying better exemplified
than on Saturday when Queen's romped
home winners over R. M. C. 46-1.
Usually, Dr. Dope's opinion has been
applied to men with flistic inclinations
but now the rugbyists can take a swal-
low of his ancient discovery.

The light cadets fought hard on Sat-
urday, fought as hard as they have in
other games but superior avoirdupois
told the tale. There was a tricky
wind waiting its way across field dur-
ing the afternoon and if anything that
condition should have helped such a
good bouter as Hazlett. But, there
was little superiority shown by the
Queen's back in the punting duels. It
was on the line that interference
against a lighter line helped the stu-
dents to a great extent. Against a
heavier line such as the Army posses-
ses, Queen's will find the going very
much stiffer if they depend as much
on interference as they did Saturday.

The light Cadets made the mistake
of attempting to play Queen's at her
own game. Time after time the Cadets
used their line with about as much ef-
fectiveness as the Army of Mexico
would have against an Anglo-French
array. The chief asset of the Cadets
is speed and they failed to use it where
it would have done the most good.
Boo, boo, boo, should have been the
slogan but instead it was buck, buck,
buck, and consequently loss, loss, loss.

In using their line as the chief of-
fensive power the boys from over the
bridge also used their line out and in
the last quarter it was staggering
under the work it had been called up-
on to do, in attempting to pierce the
sturdy breastworks of the Queen's
line and in stopping the continuous
bombardment of the students. True,
Cadets tried to open up the play and
made attempts at combination work
behind the line, but their passing
seemed to lack the snap it showed in
other games, merely because the line
failed to give protection against the
superior weight it was called upon to
contend with.

In a nutshell there was very little
to choose between the back divi-
sions. Queen's backs had the holes
made for them and simply padded
through while the Cadets' backs met
very stiff opposition, because of the
superior work of the opposing line,
which blocked in grand style and
proved itself a tower of strength in
aggressiveness.

Of the individual heroes we would
pick out Cassels, flying over the
Cadets, if Iron Crosses were being
handed out. This chap was the big
defensive power of the losers. He
worked like a Trojan, stopped buck
after buck and was a strength on the
offensive. Ferrie had little chance,
while Gates shaped up in good style.
Sage was also good, while McCar-
ter did yeoman service. All the kids
did well in the face of overwhelming
weight.

For Queen's Mel Brock looked bet-
ter than ever. This boy will bear
watching for a beginner at the great
fall game. He is cool, has a good
pair of hands, thinks quick and gets
going at the right time. Lyons, as
usual, ploughed his way through for
big gains and looms up like a sec-
ond Ross Craig in the "push" busi-
ness. Slinn was really the effective
man on the Queen's team. He car-
ried the ball for huge gains and tack-
led like one possessed. His work
was remarkable, McCormick at out-
side, also played a good, regular game
and showed the stuff expected of him.
Hill, who went on in the third quar-
ter, loomed up like a good man with
all sorts of speed and hitting-line
ability.

Prof. McDonald and Prof. Sweeney
officiated in an able manner. The game
was clean, although two Queen's and
one R. M. C. man were laid off for
mugging. There was the first penalty
this season.

The teams lined up as follows:
Queen's—Toland, flying wing; Stu-
art, Hazlett, Box (Mills), backs; Cook,
quarterm; Phillips, Horne, Perkins,
scrimmage; J. McCormick (Hill), Ly-
ons, inside wings; McConnell, Crews
(Carruthers), middle wings; Slinn,
McCormick, outside wings.

R.M.C.—Cassels, flying wing; Mc-
Carter, Gates, McLaren, backs; Ferrie,
quarterm; Cushing, Wood, Robertson,
scrimmage; Cassels, Horge, inside
wings; Hay, O'Reilly, middle wings;
Brown, Savage, outside wings.

DISCONTINUE FOOTBALL.

The faculty of Knox College has de-
cided to discontinue football this year
because of the death of Bryan Scott
as a result of injuries received in a
game with St. Louis.

Lieut. Harry O'Leary, Arts '15, is
now on active service with the 64th
Battalion, C.E.F. "Hank" has made
good as a recruiting officer as well,
and in the latter part of September en-
rolled some fifty men from Kent Coun-
ty, N.B., to join the colors.

R. Ward S. Robertson, Arch. '15,
who went overseas as a private in the
machine gun section of the 14th Bat-
talion, is now in hospital in London,
England, suffering from an attack of
rheumatism. At McGill he was treas-
urer of the Architectural Association.

PROF. EVANS ON "COBALT"

Second Meeting of Chemical So-
ciety Held Yesterday.

DISCUSSION FOLLOWED

Subject of the Address Treated
in a Very Thorough and In-
teresting Manner.

The second regular meeting of the
McGill Chemical Society, was held
yesterday afternoon, at 5 p.m. Prof.
Evans presented a paper on "Cobalt."
The speaker first gave a brief history
of the metal and the minerals in
which it occurs. The first mention
of Cobalt was about the tenth cen-
tury. For a long time it indicated
any useless mineral from which no
metal could be obtained. Its property
of giving glass a blue color was no-
ticed during the middle ages. A blue
pigment was also made from it. It
was for a long time confused with
bismuth. Brant, in the year 1760, was
the first to notice that cobalt was a
different metal from bismuth. He also
noticed its magnetic properties and its
high melting point.

Prof. Evans then passed around
specimens of the various ores of
cobalt, and proceeded to explain the
metallurgy of the metal. The modern
method of extraction is a close secret,
and could not be described. By the
old method it is first roasted in the
air to form the oxide, together with
various impurities. This is then dis-
solved in hydrochloric acid, and the
iron precipitated with lime. The other
metals are precipitated with hydrogen
sulphide. Cobalt is then precipitated
by bleaching powder as the hydroxide.
This is then ignited and placed on the
market as a mixture of oxides, of
cobalt.

The speaker then described some
work which had been done at King-
ston to find some new uses for cobalt.
Various means of reducing the oxide
were described. It was found that
the reduction could be effected by us-
ing either carbon, hydrogen, carbon
monoxide or aluminium. The reduc-
tion with carbon is satisfactory if the
temperature is high enough. The same
was true for hydrogen, though 90% of
the cobalt could be reduced at a much
lower temperature. Reduction with
carbon monoxide took place at a very
low temperature, a considerable
amount of free carbon being formed.
Reduction with aluminium was very
satisfactory, but it was too expensive,
although it gave a very pure product.

Prof. Evans then described some in-
teresting applications of this metal to
electroplating. It is found that the
deposit is very firm, adherent, and
hard. It can take a very high polish
in the same way as nickel, and has a
white color with a slightly bluish tint.
Solutions of cobalt salts in the electro-
lytic bath show good "throwing pow-
er," and a plate of cobalt has wear-
ing properties equal to a plate of nickel
four times as thick. It serves excel-
lently for electrotypes, and can be de-
posited on brass, tin, copper, iron,
steel, lead, Britannia metal, and doubt-
less many others. Cobalt salts are
more soluble than nickel salts, and it
was found that these concentrated
solutions gave as good, and even bet-
ter deposits than solutions of nickel
salts. They are clean in working, do
not produce creeping salts, and do not
give precipitates during operation of
the bath. Nickel anodes must be al-
loyed with iron in order that they
may dissolve rapidly enough. This is
not necessary with cobalt anodes. A
current density about 150 amperes per
sq. ft. of cathode surface can be used.
This is fifteen times as great as that
of nickel. The hardness of the de-
posit increases with the current den-
sity, so this high density rather im-
proves the quality of the deposit. A
little higher voltage is necessary for
this high current density, but this is
no disadvantage. The current ef-
ficiency is 96%-100%, which is great-
er than that of nickel. Taking all the
above facts into consideration it can
be seen that if a deposit of nickel
of sufficient wearing power can be
produced in one hour, a deposit of
cobalt of equal wearing power can be
produced in one minute. These re-
sults have been tried out at the works
of the Russel Motor Co., of Toronto,
and appear to have been successful.

At the close of the address an in-
teresting discussion ensued, during the
course of which Dr. Stansfield gave
some interesting information, includ-
ing a description of the Mond process
for the refining of crude nickel. Af-
ter tending a hearty vote of thanks to
the speaker the meeting adjourned.

MANDOLIN CLUB.

The members of the McGill Mando-
lin Club are hereby advised that the
club will play at the Western Club
smoker to be held on Friday, the 19th,
consequently a special practice will be
held at the Peate School of Music, at
7 p.m. on Friday. All members are
requested to attend.

Gordon W. Wood, Agr. '12, formerly
of the Manitoba Agricultural College
staff, and lately of the North Dakota
Agricultural College, is returning to
the former institution as assistant pro-
fessor of animal husbandry. Prof.
Wood is an honor graduate of Mac-
donald College, and the holder of the
Sir Edward Stearn Cup for live stock
judging. He worked as a government
district representative in one of the dairy
districts in Quebec before going to
Manitoba.

Much encouraged over the showing
made against Dartmouth, the Penn-
sylvania eleven is now busy pre-
paring for Cornell, and while the lib-
erians are prime favorites to win, the
Red and Blue hopes to make it a good
battle.

Dr. H. Burton Logie, Med. '10, is
medical officer, with rank of captain, of
the 47th Battalion, C.E.F., which has
just left New Westminster, B.C., for
the front.

NEW YELLS OF R.V.C. JUNIORS

'17 Rooters Are Asked to Sup-
port Their Basketball Team.

SWIFT LITTLE SEVENTEEN

Original and Cheering Parodies
Set to Popular
Tunes.

R. V. C. '17, do you want your class
to win the first inter-year basketball
match? Even if you are not on the
team, there is another way in which
you can help. Come to the meeting
of the "rooters" in the common room
at 1.30 to-day. Bring your Rally with
you, as the following songs will be
practised:

Tune: "Poor Pauline."

Seventeen! We cheer for Seventeen,
All the teams we come to play,
Wish it were another day,
They have nothing much to say,
All their nerve has vanished.
Our team means to win big R. V. C.,
And put those Seniors (Freshmen,
Sophs) in the losers' class,
Tho' they play with all their might,
Seventeen is here to fight up to the
finish—
That's right, Seventeen!

Tune: "Little Buttercup."

We're swift little Seventeen, swift
little Seventeen,
And you can always tell why,
We work combination on every oc-
casion,
And that's why our score is so high.

Tune: "Tipperary."

It takes a good team to win the
trophy,
But we've got it right here;
It takes a good team to win the
trophy,
But we'll get it, never fear.
Farewell 1916,
Farewell all the rest;
It takes a good team to win the
trophy,
But our team's the best.

Tune: "Tammeny."

Seventeen! Seventeen!
We're the girls that wear the green,
We're the girls that have the team,
Seventeen! Seventeen!
Give three cheers and three times
three
For Seventeen!

Yells.

Hobble-gobble, rattle-dazzle, kie, ky,
kar!
Any guy with half an eye knows who
we are,
In sports of all sorts winners are we,
1-9-1-7 R. V. C.!

Rick-a-chick, a-boom, rick-a-chick a-
boom!

Stand back, stand back, give us room.

Eat 'em up, chew '



UNDERWEAR FOR WINTER

in a great variety of weights and textures. Made in two-piece styles and also in combinations.

NOTE
Drawers, Short and Long;
PRICE
\$1.00 Up, the Garment.
Men's Furnishings Department.

FASHION-CRAFT
Shops

MAX BEAUVAIS, LTD.

220 St. James St. West End—403 St. Catherine W.

A WAY TO HELP DISABLED SOLDIERS

Course in Massage Being Given
By McGill and the Montreal
General Hospital.

Every soldier who returns to Canada on leave as temporarily disabled or discharged as permanently incapacitated will be a subject for hospital care for a longer or shorter period. One of the most effective means of shortening this period of disability will be, in many cases, employment of the use of massage.

Among conditions for which the use of massage is of great importance are fractures, nerve and bone injuries, rheumatoid conditions and general weakness following disease. A man may sustain a severe fracture, receive the best skill in surgical help, be discharged a complete cure in so far as the fracture is concerned, and yet he may run the risk of being permanently disabled, unless the stiffened joints are loosened or the weakened muscles strengthened. Again another man, who may unhappily be permanently disabled, may have his disability reduced to the minimum by the help of massage treatment.

If it were possible to use massage for all the cases needing it, it would be impossible for some time to supply the proper number of those fully trained to administer it.

In a letter received this week from a military convalescent hospital in Great Britain, it is reported that the masseuses are each working on 20 to 30 cases each day, from early to late; hastening the return of these convalescents to the fighting line, and that if all that could be done by the help of massage were done, many hundreds of experts could be employed in hastening the recovery of the temporarily disabled.

Here in Canada, as in Europe, lies a useful field of work for those who would give sufficient time for a thorough training in massage. The course established last year by the co-operation of the Montreal General Hospital with the School of Physical Education, conducted under the auspices of McGill University, is being repeated this year. Those who are mature enough and have the aptitude for such work, after following the course from November to June, would be in a position to offer skilled help to wounded Canadian soldiers. Applications should be made to Dr. Harvey, of the Royal Victoria College.

THE VALUE OF BIRDS IN FORESTS.

Birds attain their greatest usefulness in the forests, because the conditions there closely approach the primitive.

Forest trees have their natural insect foes, to which they give food and shelter, and these insects in turn have their natural enemies among the birds, to which the tree also gives food and shelter. Hence it follows that the existence of each one of these forms of life is dependent upon the existence of the others. But for the trees the insects would perish, and but for the insects the trees would perish; and, to follow the inexorable laws of nature to the conclusion of their awful vengeance, but for the trees the world would perish.—The Value of Birds to Man, by James Buckland.

HEAT VALUE OF WOODS.

Certain kinds of wood—hickory, oak, beech, birch, hard maple, ash, elm, locust, long leaf pine and cherry—have fairly high heat values and only one cord of seasoned wood of these species is required to equal a ton of good coal. Hickory of the non-resinous woods has the highest fuel value per unit volume of wood and has other advantages. It burns evenly, and, as housewives say, holds the heat. The oak comes next, followed by beech, birch and maple. Coastwise vessels in Florida pay twice as much for Florida buttonwood as for any other, because it burns with an even heat and with a minimum amount of smoke and ash.

THE FUTURE OF THE GERMAN CHEMICAL INDUSTRY.

German chemical experts appear to be getting uneasy as to the future of the German chemical industry in view of the efforts which the Allies and neutral countries are making to build up an industry in fine chemicals. "England's Chemical Industry and the War" was the title of a lecture delivered by Professor Dr. H. Grossmann at a meeting of the "Verein zur Beförderung des Gewerbefleißes" in Berlin recently, and the Zeitschrift für angewandte Chemie quotes the following extract from it: "German chemical industry will have to take account of the chemical industry in England and in the United States on the conclusion of peace. These countries will do everything possible to ensure success in technical and economical affairs. At any rate, it would be very imprudent to rely beforehand upon a failure of these endeavors, therefore it is of the highest importance to follow with attention the development of chemical industry in these and other countries for at present as well as in 1933, the words of the North American Review are true: 'The country that disposes of the best chemists will be the richest and the most powerful eventually. It will possess the best foodstuffs, the best products at the lowest prices; it will have the best weapons, and the loss of material in the manufacture will be reduced to the smallest proportions possible.'

ABERDEEN UNIVERSITY.

Aberdeen, Scotland—A meeting of the general council of Aberdeen University was recently held, when Principal George Adam Smith moved the adoption of a report by a subcommittee on the question of a new degree in education. The general council had already specified certain objections to the scheme for honors in education approved by the Senate, but felt it was desirable to establish in the University of Aberdeen, a postgraduate education. The principal drew attention to the fact that a university conference on the subject had recently been held in Perth when it was unanimously decided against an M. A. honors degree in education and the conference further adopted a resolution that any degree in education which might be instituted should be a postgraduate professional degree—Bachelor of Education; that the regulations for the degree should be so framed and the classes in the course so arranged that existing graduate teachers might be admitted to the degree; with regard to the work of the proposed degree it was urged that wherever a diploma in education existed in any one university it should be recognized as counting towards the degree should the candidate proceed to another Scottish university; that a doctorate in education should be instituted, and that power be granted to admit to this degree teachers who had attended the necessary university classes in education and had attained a certain standing in their profession, prior to the passing of the ordinance establishing the degree, although they had not previously taken the bachelor degree; and that a faculty of education should be established in each university.

HONOR FOR FRENCH OFFICER.

London.—It is stated in the London Gazette that the King has been pleased to appoint Lieut.-Col. E. F. L. Brisset, of the French army, to be Hon. Companion of the Order of St. Michael and St. George, in recognition of distinguished service during the operations of the allied forces on the Nigeria-Cameroon border. Commandeur W. H. Cottrell, of the Royal Naval Volunteer Reserve, is appointed C. M. G. (additional member) in recognition of services at the Dardanelles.

THE SAPODILLA TREE.

"The sap of the sapodilla tree is very largely used in the manufacture of chewing gum. The tree is cultivated in Mexico and Central America, and the method of collecting the sap, called 'Chicle,' is very similar to that employed in extracting maple sugar. Mexico alone in 1910 exported chicle valued at £240,000, which will give a good idea of the extent of the chewing gum industry."

NEWSY NOTES FROM OTTAWA

"Conscription" Will be Debated
At the University.

CLASS IN ELOCUTION

Ottawa's Rhodes Scholar Now on
Active Service in
France.

Ottawa, Nov. 15.—(Special.)—The Debating Society of the university has reconsidered its previous agreement of discontinuing the debates for the present year, and will start the regular weekly debates, beginning next Monday. At the election of officers, W. Ungar was elected president; J. E. Brennan, vice-president; V. J. O'Neill, secretary-treasurer; J. Corrigan and A. Grace, councillors. Prof. Cullinan was again chosen as moderator.

Controller Fisher donated \$100 for compositions and debates on "Ottawa and Canadian History."

The Ottawa University Dramatic Club is going to put on a play at St. Patrick's Parish Hall in the near future.

At a meeting of the Debating Society, it was decided to start the debates at 4.45 and finish at 6, instead of from 5 to 5.30. The subject of the first debate is: "Resolved, that Canada would be justified in bringing in conscription without going to the country." W. Hayden will be the leader of the affirmative, and J. E. Brennan the leader of the negative.

A class of elocution is to be run in connection with the society.

Rev. Father McGuire has left for Vancouver, B.C., to do missionary and parochial work.

The monthly reading of the students' notes was held Tuesday morning in the Science Hall in the presence of the professional staff. In his address to the students at the close of the reading, the rector, Father Louis Rheame, announced that any student would be eligible to compete for the Rhodes scholarship. The selection of the candidate is in the hands of the following committee: His Honor the Lieutenant-Governor, chairman; Chief Justice of Saskatchewan, and the president of the University. The competition, however, is not confined to students of Ottawa College alone, and the official communication states that as 1916 has been selected as the year for the Province of Saskatchewan, the committee mentioned above is composed of men from that province. Candidates may elect whether they will apply for the scholarship for the province in which they have secured any considerable part of their educational qualifications or for the province in which they have their home. Thus any students of Ottawa College who reside in Saskatchewan are eligible. Athletic qualifications are also necessary.

There was a report current in Ottawa lately that the Rev. James Fal-

UNCLAIMED LETTERS.

Several Are Awaiting Owners at
Registrar's Office.

The registrar would be obliged if students or others who know the present address of any of the following would notify them of same:

Botero, B.
Brodeur, Hon. D. P.
Buckley, C. P.
Burbank, M. Dudley.
Clarke, B.
Davidson, V. L.
Davidson, William P.
Donaghy, D.
Duchene, Emil.
Elliot, Dr. R. E.
Fret, Charles A.
Goodridge, L. A.
Griffiths, George T.
Harwood, Miss H.
Kirkwood, Dr. J. E.
Lyons, G.
McIntyre, A. G.
McLennan, T. C.
Quiller, N. E.
Robinson, Leslie G.
Turrell, Rev. Thomas.
Waugh, Harold.
Wellerson, J.

COULDN'T WEAR BOTH.

(London Chronicle.)
Some curious incidents of life in a military hospital were related by Sir James Kingston Fowler at the opening of the winter session of the Medical School at Middlesex Hospital.

It was, he said, almost a doctor's ideal to see plenty of empty beds, and in one case in France a medical director went around the hospital and saw a man who looked very well. "How are you?" he asked. "Quite well, thank you," replied the soldier.

"Well, would you like to go home?" "Yes, sir." "All right, I will have your boots fetched, and will see how you get on." "All right, sir," responded the soldier; "but you need only bring one, because I had a leg off the day before yesterday." "Wonderful how cheerful the men were. Four, he knew of, had each lost his right leg, and they delighted in walking down a wooden passage banging their wooden legs on the floor and crying, "Left."

Judging from the Harvard-Brown game, some of the Harvard substitutes are not very far behind the first-string players.

For years Prefect of Studies at Ottawa College, was chosen as chaplain for overseas service. This rumor is denied in a recent issue of the Catholic Record.

One of the students of the seventh form, Redmond Quinn, left last Sunday for Kingston to take a course in the Artillery School.

T. McEvoy, Ottawa College's Rhodes scholar, is now on active service in France. Last Wednesday's inter-mural football game resulted in a win for Jack O'Neill's team by a wide margin. The score was 13 to 2. Genest's half-backs could not get going, and the result is that the win goes to the league, and O'Neill's and Genest's team will have to wait for the championship. O'Neill got his first touch by a blocked kick and his second on a buck over the line. Chabot kicked the rouges. A good crowd saw the game. The saw-off will likely be played on Wednesday afternoon.
H. L. O'REILLY.

No Pro. Ball Says "Shag"



FRANK SHAUGHNESSY.

"There will be no professional baseball in Ottawa until after the war is over," says Frank Shaughnessy, according to an Ottawa despatch, "and then we will not seek another franchise in the Canadian League. Ottawa people have taken kindly to the game, and the attendance has been good ever since we played a team in the league, but the long jump to the western towns eats up all the profits, as about the only time that we get more than our guarantee is when we play in London or Hamilton on Saturday or a holiday. Ottawa will have a professional team after the war ends, but not in the Canadian league."

"Shag" also denies the rumors which have been afloat of late to the effect that he was going to manage the Toronto team. He says that no person in authority has approached him on the subject. He will act as business manager of the Ottawa hockey team during the coming winter.

Shelvin is fortunate in getting some of the former ineligible back on the Yale varsity. Perhaps if Head Coach Hinkley had had Bingham and Van Nosirand to work with during the first of the season, the Elis might have done better.

Yale won from Princeton by following the ball and taking advantage of Princeton's mistakes. It was a great victory for Yale, and will put the Elis in better shape for their game with Harvard on Saturday.

CAMPUS RINK TO BE IN OPERATION

C. O. T. C. To Use the Old Campus For Drill Purposes.

Probably the most important matter from the students' point of view discussed at last night's meeting of the Students' Council was the question of the campus rink. "To be or not to be?" It was reported by the president of the Athletic Association that the C. O. T. C. had asked for the use of the old campus during the coming winter for the purpose of drilling. This request, he said, would most certainly be granted, and in return the C. O. T. C. had promised to help out on the question of arranging new quarters for the rink, should it be decided to continue this college institution. After a very short discussion it was unanimously decided to again have a college rink this winter.

The debate as to the most suitable location possible then started. After a lengthy consideration of at least five (more or less) suitable situations it was narrowed down to a decision between the east campus as one choice, and the vacant lot behind the old grand stand as the second. Either of these two, it was felt, would be far ahead of any of the other possibilities. It was finally decided that more data was necessary to a satisfactory arrangement, and a committee was appointed to look into the pros and cons of each site, and report back to the council at the next meeting.

An application for a money grant was read from the Mandolin Club. Owing to certain peculiarities in the membership regulations of this club, the application was not passed, but was referred back to the officers of the organization for necessary alterations.

The estimate of the Literary and Debating Society was next read and passed, with a slight amendment.

The estimate of the McGill Orchestra was in its turn discussed. It was felt that more information was needed in order to discuss its items, and as a result it was laid on the table, and will be brought up again at the next meeting.

Finally the president of the Hockey Club, Mr. Andrews, presented the 1915-16 hockey estimate. This also was slightly amended, and with the exception of one item, passed as amended.

An amendment to The Daily constitution was read and discussed. It dealt solely with staff management, and was shortly passed as read.

After one or two less important matters had been concluded, the Council at 11.20 p.m. broke up and departed homewards.

Syracuse certainly eliminated Colgate from all claim to the eastern championship. The New York team must have played splendid football to win by such a wide margin.

Princeton may well claim the Harvard-Yale-Princeton freshman championship with its victory over Yale and the latter's victory over Harvard, Harvard and Princeton do not meet.

If comparative scores are to be taken seriously, West Point would seem to be quite a little stronger than Annapolis.

"NIGGER" IS SOME MASCOT

Promoted to Lance-Corporal For
Regular Attendance.

IS NO ORDINARY SOLDIER

Has Joined Several Units and
Deserted In Each
Case.

Attention! This magic word which arouses so many would-be militants from their peace lethargy is—mirabile dictu—also full of meaning to one who, because of circumstances over which he has no control, is not a member of the C. O. T. C. It may surprise the readers still more to know that this interesting character is a member of a local overseas company which is soon to leave for France, while the mystery continues to thicken when it is further stated that the person under suspicion is no ordinary soldier—a soldier indeed, but no ordinary one. If the fond reader doubts this statement, let him investigate for himself. Any day of the week the veteran may be seen on the campus, adorned in khaki and wagging his tail—the latter with no little enthusiasm—and quite rightly so, for has not our canine hero recently been promoted from the ranks and given his first stripe? And what is more, the promotion was easily the most popular which the daily orders of the 4th University Overseas has ever announced. This is certainly a record for which any one might be justified in wagging his tail, and we must not be too hard in criticizing the natural failings of others!

"Nigger," for this is our subject's pseudonym, comes of fighting stock in spite of the fact that his parents were not English "Terriers." When war broke out, Nigger at once began training; and was fully qualified for overseas services early in June last. But, it seems that our hero was not persona grata with the powers that be at Ottawa and was consequently left behind at the dock, very sad at heart, but never communicating his feelings to others. Any one seeing the mechanically brave motion of his extremity could not but admire the courage of this soldier who stayed at home.

Nigger, however, was not crushed, and lost no time in joining the 5th Royal Highlanders, but either because his forefathers had not been Scotch, or because the dirge of the bagpipes offended the super-sensitive ear of our distinguished friend, he deserted from the Highlanders and became attached for a short time to the 60th, C.E.F. But there was no final rest for Nigger until he found his way to the University Company's barracks. Here he continued his military training, and, as we have said, was soon given his stripe. Whether the company is drilling, taking route marches or practising manoeuvres, the mascot is always there, the greatest enthusiast of the lot. No command puzzles him; he knows "where to place his feet" (which is doubly hard for him), and he leads the battalion at the end of every tiring tramp.

The Advertising Agency of Yesterday and Today

There are many manufacturers, retail merchants and business men, even to this very day, know little or nothing of the advertising agency and its functions. Therefore the publishing of this article will serve a great purpose if those who have never employed a recognized agency will read and learn just what they may expect from their advertising agency.—Editor.

Those who know the world of advertising as it is will be first to recognize the suggestiveness of the points made in this article. Naturally, we are more concerned with the man who knows the least about advertising, but whose business interests demand that he should know more. If we succeed in outlining what agency service may mean to him, the purpose of this article will be served.

Any mention of what is meant by the advertising agency of to-day must necessarily be colored by the history of the whole advertising agency system. It should be remembered that the advertising agency is a business concern of very recent growth. Very few of to-day's agencies were in business fifty years ago, and yet fifty years is not a considerable age. The real advertising agency of to-day is as far removed from the space trading agency of old, as day is from night. In the olden days advertising space was bargained for like city paving contracts. The agency existed then as any old-time jobber existed. He merely bought space at wholesale and resold it. The best and most serviceable agency was the one which could secure lowest prices from publishers. As a large buyer the agency would get lower rates and better treatment than the individual advertiser. No consciousness of responsibility ever entered into it. The advertiser wrote his own copy, decided where to run it, and took all credit or blame for the results.

All this has now changed. The business of advertising has become an important preoccupation.

From thirty to thirty-five years ago the real advertising agency changed and became a real factor in the development of advertising. These real advertising agencies, at this time, began to prepare business-building copy and illustrations for clients. They assumed the responsibility of caring for details which the manufacturer shunned. These agencies found it necessary to inquire into clients' problems and to determine the correct lines of action—of business-building arguments. They began to suggest selling plans—sometimes they carried out these selling plans—and little by little these real agencies became component parts of business development—competent to render service in every department. Having begun as a promoter, whose real job was to get people to advertise and to haggle with publishers over prices of space, the advertising agency is to-day one of the soundest and most important business institutions in commerce. To-day the highest salaried men in the business world are those who lay out and execute advertising and merchandising campaigns.

"What should I expect of my Advertising Agency?" This is a question very often asked by the manufacturer. A volume might easily be written to properly answer. Perhaps the best reply may be found in Chapter V of "Selling Forces," written and published by the Curtis Publishing Company, of Philadelphia. It follows:

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"It will obtain the illustrations and arrange for the printing. "It will design street car cards and billboard posters, get up window displays for dealers, hire, train and send out demonstrators. "It will get out your new catalogue. "It will talk to your salesmen. "If you need novelty advertising it will get it; a house organ, it will find it; prize contests, it will invent them; a new plant or building, it will advise you how to get the most publicity out of it. "How far it will go depends solely upon the thoroughness with which you wish to advertise. "This all may sound terrifying, but it is not. To the man just learning to play bridge, the multiplicity of signals, the variety of plays, the almost incalculable number of possible errors are bewildering. And yet, once he has tried a few hands, if he possesses moderate intelligence, the apparently complex detail becomes clear and reasonable and the pitfalls disappear. So with advertising. The process of advertising itself is logical and relatively simple. The things that you would have to do before advertising, and which the agency is trained to help you do, are for the most part things which any business must undergo before it becomes a success, irrespective of whether it is advertising or not. These steps are taken not for the sake of advertising, but for the sake of better merchandising. It just so happens that advertising frequently plays the leading part in good merchandising. "It is because of this that the agency, as sponsor for advertising, must concern itself with all branches of your business. In order to be sold right, a product must be conceived right, made right, priced right and distributed right."

From the "ZOWIE," of
Winipeg, Nov. 13th, 1915.